Identifiers in EAC-CPF

Preface

This document is used for EAC-CPF revision.
The document collects information about identifiers in EAC-CPF and lists all needed
information, that requires an ID in EAC-CPF instance.

Structure:
1. Information, an ID is needed/used for
2. Description
3. Context information needed
4. Element
5. Attribute
6. Comment

Identifiers

**We need a way of acknowledging that multiple records represent the
same entity.**

Information: (particular) record/instance

Description: A required element within <control> that designates a unique identifier for the
                EAC-CPF instance. The assigning owner ensures the uniqueness of the
                <recordId> within the EACCPF descriptive system under its control. The
                <recordId>, when used in combination with the content of the required

<agencyCode> element within <maintenanceAgency>, will provide a globally unique identifier.

Context: Agency that created the record.

Element: <recordID>

Attribute: @xml:id

Comment: We already agreed to keep this element as it is, cf. #53

Information: alternative record

Description: current alternative record identifiers for the same EAC-CPF instance, local or authority record

merged, translated and aggregated records are alternative records

former/obsolete records are alternative records

Context: - the source (system) of an identifier
- the type of an identifier (ID, URI)
- the replacement of an identifier (e.g. replaced by record id)
- alternative type (merged, aggregated, translated): what kind of alternative record

Element: <otherRecordId>

Attribute: @xml:id
                 @localType

Comment: #54

<otherRecordId> is an element for generic alternative record IDs, like merged, aggregated and translated records. It was defined narrowly as other EAC-CPF record IDs from other systems.

action of a record leaving one system and entering another

Examples:

Archives Portal Europe / France:

<recordId>FRAN_NP_010249</recordId>

<otherRecordId localType="original">FRAN_NP_010249</otherRecordId>

<otherRecordId localType="Ancien_identifiant">FRDAFANCH00MC_NAETUDE_122</otherRecordId>

See:

http://www.archivesportaleurope.net/eac-display/-/eac/pl/aicode/FR-FRAN/type/ec/id/FRAN_NP_010249

Archives Portal Europe / Netherlands:

<recordId>a1cc5763-aa18-4d2d-b8f4-ce9214f77eb9</recordId>

<otherRecordId>https://hdl.handle.net/10648/a1cc5763-aa18-4d2d-b8f4-ce9214f77eb9</otherRecordId>

See:

http://www.archivesportaleurope.net/eac-display/-/eac/pl/aicode/NL-HaNA/type/ec/id/a1cc5763-aa18-4d2d-b8f4-ce9214f77eb9

Archives Portal Europe / Spain:

<recordId>ES-28079-PARES-AUT-50776</recordId>

<otherRecordId localType="original">ES-28079-PARES-AUT-50776</otherRecordId>

See:

www.archivesportaleurope.net/eac-display/-/eac/pl/aicode/ES-D708/type/ec/id/ES-28079-PARES-AUT-50776

Information: merged record (= alternative record)

Description: merged EAC-CPF instances representing the same entity or those of records that are no longer current

Element: <otherRecordId>

Attribute: @xml:id
@localType

Comment: #54

attention: there is difference between merged and aggregated records

Merging by aggregating institution vs. merging by original institution, which results in former/obsolete identifiers.

Information: aggregated record (= alternative record)

Description: authority records aggregated within the EAC-CPF instance

Element: <otherRecordId>

Attribute: @xml:id
@localType

Comment: #54

attention: there is difference between merged and aggregated records

Information: translated record (= alternative record)

Description: same EAC-CPF information in another language

Element: <otherRecordId>

Attribute: @xml:id
@localType

Comment: #54

Information: alternative format record

Description: current identifiers of records in another format for the EAC-CPF instance, like MARC21 records

Context:

Element: Is a new element needed or do we use <cpfRelation>?

Attribute: needs to be defined

Comment: Can a record itself have relationships that don't indicate a relationship to the entity?

Belongs this information in <control>?

Information: authority file record

Description: current identifiers of records in an authority record

Context:

Element: Is a new element needed or do we use <cpfRelation>?

Attribute: needs to be defined

Comment: Can a record itself have relationships that don't indicate a relationship to the entity?

Belongs this information in <control>?

Difference between identifier associated with an individual/entity vs one associated with a record

Information: entity

Description: - identifier assigned to an entity
                 - used to record any identifier associated with the CPF entity
                 - such as legal identifiers, typically assigned by an authoritative agency

Element: <entityId>

Attribute: @xml:id
                @localType

Comment: #55

Examples:

Archives Portal Europe / Germany:

<identity>

<entityId localType="VIAF">261645661</entityId>

See:

http://www.archivesportaleurope.net/eac-display/-/eac/pl/aicode/DE-1958/type/ec/id/140967287

Archives Portal Europe / Netherlands:

<identity>

<entityId localType="HANDLE">10648/a1cc5763-aa18-4d2d-b8f4-ce9214f77eb9</entityId>

See:

http://www.archivesportaleurope.net/eac-display/-/eac/pl/aicode/NL-HaNA/type/ec/id/a1cc5763-aa18-4d2d-b8f4-ce9214f77eb9

Archives Portal Europe / Spain:

<identity>

 <entityId localType="PARES">50776</entityId>

 <entityId localType="APENET">ES-28079-PARES-AUT-50776</entityId>

 <entityId localType="VIAF">147263183</entityId>

 <entityId localType="BNE">XX98418</entityId>

 <entityId localType="BNF">BNF: http://catalogue.bnf.fr/ark:/12148/cb120886100</entityId>

 <entityId localType="CGUIA">21280</entityId>

 <entityId localType="SUDOC">128708751</entityId>

See:

www.archivesportaleurope.net/eac-display/-/eac/pl/aicode/ES-D708/type/ec/id/ES-28079-PARES-AUT-50776

Other Requirements

- schema to enforce the use of attributes for storing URIs, cf. Marks comment
-

More Examples

Here, I'm just looking at other examples of:

- recordId
- otherRecordId
- entityId
- cpfRelation/@cpfRelationType (particular to find examples of "identity")

So far, I haven't found a single example where someone has used the @cpfRelationType="identity"

Turnbull Library / New Zealand

199,745 total records

recordId

      `<recordId>Thesaurus-77824</recordId>`

otherRecordId

      not used

entityId

      not used

@cpfRelationType (identity not used)

>   associative (2220 / 25504)

>   family (15008 / 25504)

>   hierarchical (82 / 25504)

>   temporal (633 / 25504)

>   blank (7561 / 25504)

Houghton / Beinecke: Connecting the Dots project

78 total records

recordId

>   <recordId>FHCL.HOUGH:8822107</recordId>

otherRecordId

>   <otherRecordId
localType="url">http://nrs.harvard.edu/urn-3:FHCL.HOUGH:8822107</otherRecordId

entityId

>   *not used*

@cpfRelationType (identity not used)

>   associative (548 / 578) with mod:id roles

>   family (30 / 578) with mod:id roles

SNAC

(not actually associated with the EAC schema)

recordId

      `<recordId>http://n2t.net/ark:/99166/w6dz08rc</recordId>`

otherRecordId

    not used

entityId

    not used

@cpfRelationType (identity not used)

    uses "sameAs" relationships for links to other systems. e.g.

      `<cpfRelation xlink:type="simple"`
`xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"`
`xlink:arcrole="`==`http://socialarchive.iath.virginia.edu/control/term#sameAs`==`"`
`xlink:href="`<mark>`http://catalogue.bnf.fr/ark:/12148/cb119291430/PUBLIC`</mark>`">`

    `<relationEntry>Whitman, Walt (1819-1892)</relationEntry>`

    `</cpfRelation>`

    `<cpfRelation xlink:type="simple"`
`xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"`
`xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#sameAs"`
`xlink:href="http://id.loc.gov/authorities/names/n79081476">`

    `<relationEntry>Whitman, Walt, 1819-1892</relationEntry>`

    `</cpfRelation>`

    `<cpfRelation xlink:type="simple"`
`xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"`
`xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#sameAs"`
`xlink:href="https://catalog.archives.gov/id/10581715">`

    `<relationEntry>Whitman, Walt, 1819-1892</relationEntry>`

    `</cpfRelation>`

    `<cpfRelation xlink:type="simple"`
`xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"`
`xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#sameAs"`
`xlink:href="http://viaf.org/viaf/2478331">`

    `<relationEntry>Whitman, Walt, 1819-1892</relationEntry>`

```
    </cpfRelation>

    <cpfRelation xlink:type="simple"
xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"
xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#sameAs"
xlink:href="http://en.wikipedia.org/wiki/Walt_Whitman">

      <relationEntry>Walt Whitman</relationEntry>

    </cpfRelation>

    <cpfRelation xlink:type="simple"
xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"
xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#sameAs"
xlink:href="http://www.worldcat.org/wcidentities/lccn-n79081476">

      <relationEntry/>

    </cpfRelation>
```

Nationaal Archief

(from a sample of 6,200)

recordId

```
    <recordId>2611d4a0-9f17-4549-b93a-9cae57f82b1e</recordId>
```

otherRecordId (always corresponds to recordId)

```
    <otherRecordId>https://hdl.handle.net/10648/2611d4a0-9f17-4549-b93a-9cae57f82b
    1e</otherRecordId>
```

entityId (always corresponds to recordId)

```
    <entityId
localType="HANDLE">10648/2611d4a0-9f17-4549-b93a-9cae57f82b1e</entityId>
```

@cpfRelationType (identity not used)

        associative (108 / 12297)

        hierarchical-child (3892 / 12297)

hierarchical-parent (4153 / 12297)

temporal-earlier (2110 / 12297)

temporal-later (2034 / 12297)